

AF/AE SERIES

LED可視化壓差模組
LED Visual Differential-
Pressure Module



The principle of this LED module is that there is a pressure detector inside the unit that can sense the pressure difference according to the condition during smooth operation or blockage and to transfer pressure into electricity. It can enhance the degree of discrimination and can identify the filter condition by LED color distinction, so that the user can conduct washing or replacement. Also, It can convert into analog signals through the IC board and connect with the I/O of the CNC controller to enable program editing. If there is a blockage in the filter, a message will be shown on the screen, for dramatically increasing working efficiency. This LED module can be used in a wide range of industrial applications.

Pressure detection range : 20 ~ 5000PA
Working temperature : -20°C ~ +85°C
Output : Dry contact signal

其原理是透過壓力檢知器，感應其過濾器因運行或阻塞所造成壓力變化，將壓力轉化成電能。一方面驅動LED由顏色區分，可增加辨視度，判別機身內前後濾桶阻塞情況，去進行後續清洗或更換的動作。另一方面可透過IC板轉換成類比訊號，與控制器I/O連線，編寫程式驅動或在螢幕顯示前後濾桶阻塞訊息，大大增加工作效率。

壓力檢知 量程範圍 : 20 ~ 5000PA
工作溫度 : -20°C ~ +85°C
輸出 : 乾接點訊號

LED

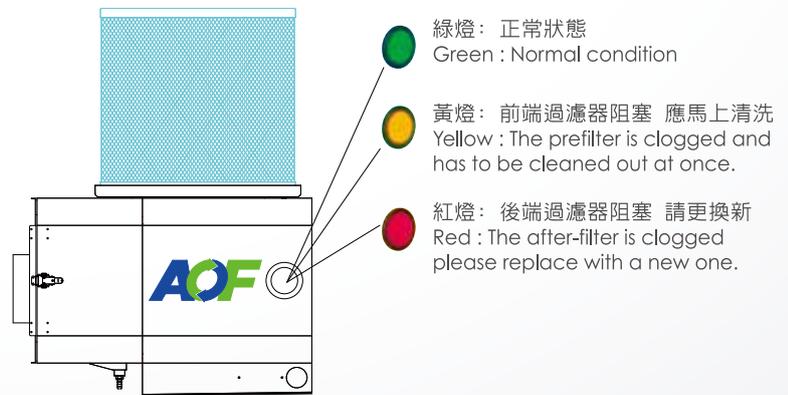
燈號顯示、異常提醒AI智能裝置

LED Lamp Indication An Intelligent Device for Error Alert



- ★ INTELLIGENT CONTROL → The unit is connected with the machine, so that the operator can realize the current status of the oil mist collector through the indication of LED lamps.
- ★ INTELLIGENT SENSING → With periodic cleaning, maintenance and replacement of filter element to ensure efficiency of smoke removing and energy saving.
- ★ INTELLIGENT ALERT & REMOTE MONITORING → APP remote monitoring can be conducted through a computer, mobile phone or tablet.
- ★ EASY TO INSTALL → It provides dry contacts for PLC, allowing for direct installation.
- ★ BUILT-IN WIFI → Directly connecting to APP is possible through the routing cloud.

- ★ 智能控制 → 與機台連線，由LED燈號顯示，即時瞭解油霧回收機的状态。
- ★ 智能感應 → 清潔保養，更換濾心，確保除煙效率，節省能源消耗。
- ★ 智能提醒遠端控制 → APP遠端監控，可由電腦、手機、平板監控。
- ★ 安裝簡易 → 提供PLC乾接點直接安裝。
- ★ 內建Wifi → 經由路由雲端直接銜接APP。



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